

FPC 518

(PE-HD)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	26.9	MPa	ASTM D 638
Elongation at Break	170	%	ASTM D 638
Izod Impact notched, 1/8 in	74.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
DTUL @ 264 psi	204	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	950	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America